Mary Boyd - KEC
50% or less
60%
70%
80%
90%
100%

State 9-1-1 Programs
Mary Boyd - FSC

9-1-1 In The United States

Mary A. Boyd
Executive Director
Texas Advisory Commission on State Emergency Communications

9-1-1 Not Just A Number

- Three digits providing caller with direct access to public safety emergency response;
- Reduces Reaction/Notification Time of Caller and directs them to the correct public safety answering point (PSAP);
- Improved Technology provides data saving life and property; and (CONTINUED...)

9-1-1 Not Just A Number

- The public has become reliant and expects it to be there -
- **9-1-1 HAS BECOME PUBLIC SAFETY**

HISTORICAL OVERVIEW

- 1967 - President Commission on Law Enforcement and Administration Recommendation
- Single Number Concept
- Nov.. 1967 - FCC Involvement
- 1968 A T & T Establishes 9-1-1
- 1973 Office of Telecom Policy issued Natl. Policy Bulletin 73-1 endorsing 9-1-1

HISTORY: WHY 9-1-1 ?

- Easy To Use
- Easy To Remember
- Digits Meet Long Range Numbering Plan and was not used for Service Codes

HISTORY : 9-1-1 TECHNOLOGY

- BASIC 9-1-1
- ENHANCED 9-1-1 (E9-1-1)
  - * Automatic Number Identification- (ANI)
  - * Automatic Location Identification (ALI)
  - * Selective Routing (Addressing and Data Base Development)

HISTORY: FUNDING

- Early 70's: Law Enforcement Assistance Administration (LEAA) provided federal support
- N.T.I.A. - Federal Support Diminished in 1981/82
- Early 80's - Local General Revenue
- Mid 80's shift to dedicated Service Fee funding approach

FUNDING PHILOSOPHY

- Establish Dedicated 9-1-1 Revenue Stream
- Assess Fee to Service Mechanism - Telecommunications
- Rate Set to Cover Cost of Providing 9-1-1 Service , i.e. Network, CPE, Administration, Ancillary Equipment

FUNDING METHODS

- Fee Assessed to Local Exchange Wireline Service per Access Line
- Fee @ Flat Rate/Percentage of Base Rate
- Fee Assessed to Intra-State Toll
- Universal Service Funds
- 9-1-1 Funded in Exchange for Directory Assistance Charges
- General Revenue (Continued.....)

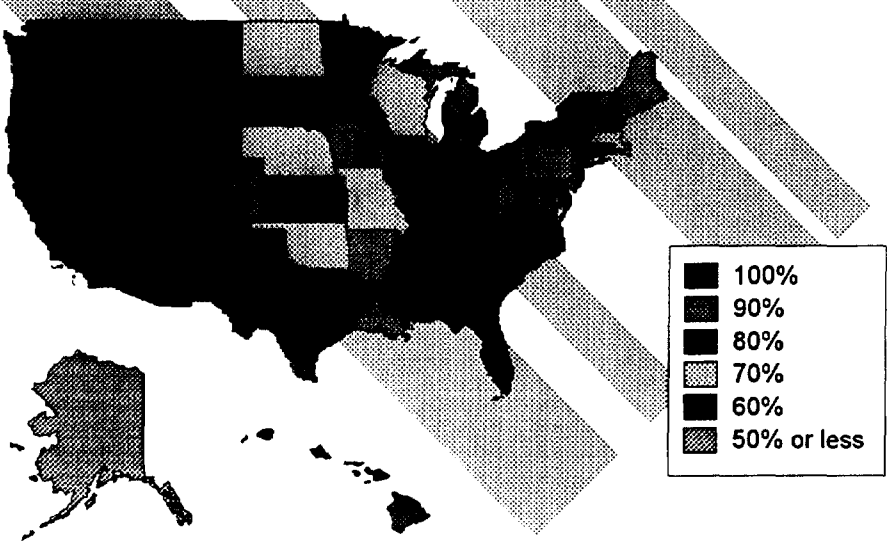
FUNDING METHODS

- Future - 9-1-1- assessed to Wireless Service
- Purpose: Funding method for subscribing to wireline and wireless services, as well as, a cost recovery mechanism for the Industry

Current Funding of 9-1-1 In the United States

- 7 - State Fee
- 6 - State & Local Fee
- 28 - Local Fee
- 4 - State/Local Tax
- 2 - Law with No $
- 2 - No 9-1-1 Statutes
- 1 - Telco Trade

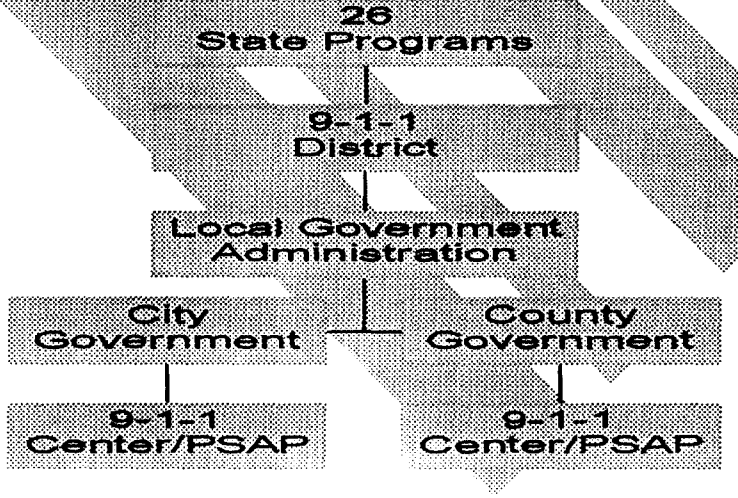
9-1-1 Coverage in the United States

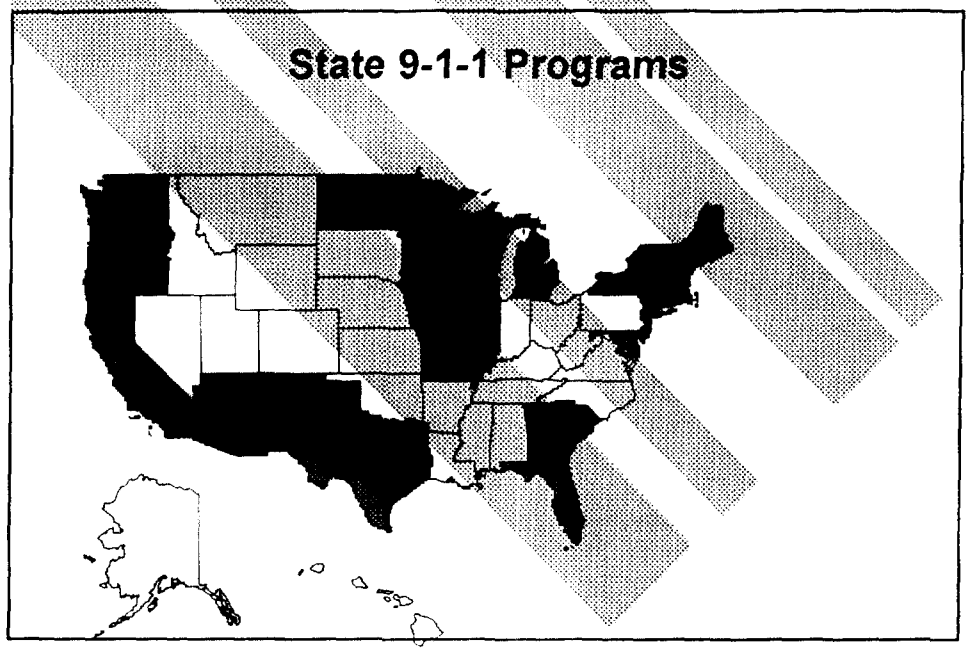


Implementation Statistics

- 195 Cities of 100,000 population or more have some type of 9-1-1
- 90 - 95% of the Services Are Enhanced
- 30 - 35% of Geographic Area of U.S.. has some type of 9-1-1
- 90 - 95% of the Service is Enhanced

9-1-1 Administrative Organizational Structure





State 9-1-1 Program Overview Responsibilities

- Rule Making/Policy Development
- Network/System Design
- Data Base Deveopment/Accuracy
- Customer Premise Equipment

State Programs: Responsibilities

- Training
- Liability
- Funding
- Regulatory Process

State Responsibilities

- Strategic Planning/Capital Recovery/CPE Replacement
- Challenges - more service/less money/consolidation/competition for dial tone/wireless
- Total investment $1.6 Billion (18 states)

States Meeting the Needs

- Determining Actual Needs
- Funding Through Legislation
- Liability Protection Through Legislation
- Demands
  - Infrastructure - Analog to Digital
  - System Integration
  - Software & Hardware
- Standards Development
- Regulatory/Legislative Assistance

Conclusion: The Future

- Protect Our Embedded Base
- Improve Service
- Partnerships with Government (State & Federal), Industry (Wireline & Wireless) and Associations (APCO, NENA, NASNA)
- Save Lives

Special Thanks

This presentation was provided through the Assistance of the National Emergency Number Association, Association Public Safety Communications Officers Assoc.., and the National Association of State Nine-One-One Administrators

Technical Briefing
on
Wireless Emergency Access

Mary Madigan - PCIA

Mary E. Madigan

Director - Issues Management

Personal Communications Industry Association (PCIA)

PCIA

- International Trade Association Representing the Wireless Industry
- Established in 1949
- Represents Broadband PCS, Narrowband PCS, Paging, ESMR, SMR, Site Owners, Private Business Radio Users
- FCC Certified Frequency Coordinator for Business Radio

PCIA's PCS Broadband Alliance

- Membership approaching 80 companies
- Pioneer Preference as well as A and B License Auction Winners
- Section Established in 1991
- Standing Committees
- Task Forces

Past History

- Joint Position Paper with APCO and NASNA
- Co-sponsored the Wireless E911 "JEM"
- Commented on the FCC's E911 Proceeding